



Functional Independence Mathematics

Official Released Items

Grade 7

**Fall 2006
Official Released Items**

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The Grade 7 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2006 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2006 Grade 7 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 7

Mathematics Strand	Number of Core Items
Numbers and Operations	17
Measurement	12
Geometry	3
Data Analysis	3
Total Core Items/Points	35
Released Items	10 (Numbers vary by strand and topic.)

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

R1 What number goes in the blank in this pattern?

20, 25, _____, 35

A 30

B 40

C 45

90016007

R2 What number comes **next** in the pattern?

14, 16, 18, 20, _____

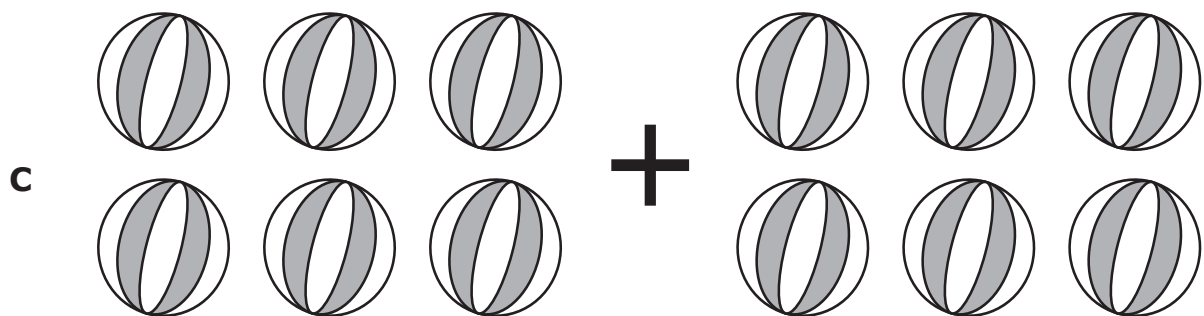
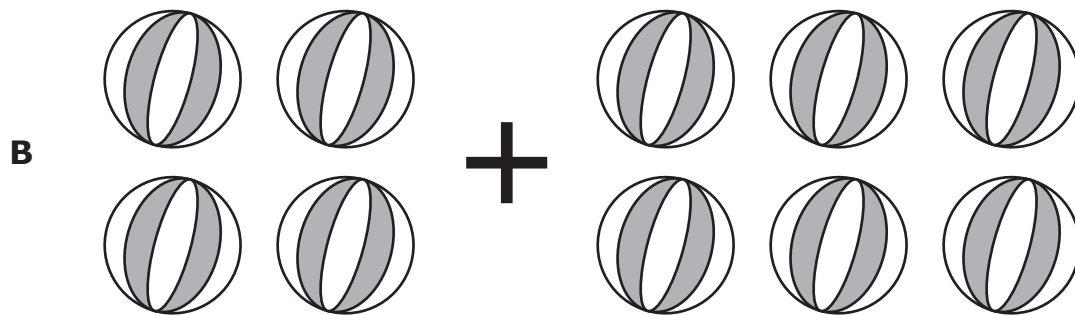
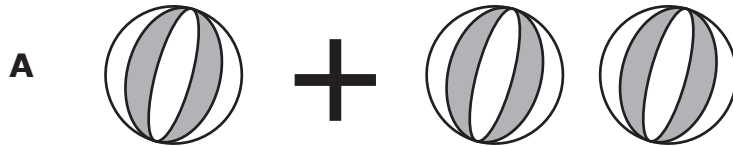
A 12

B 22

C 24

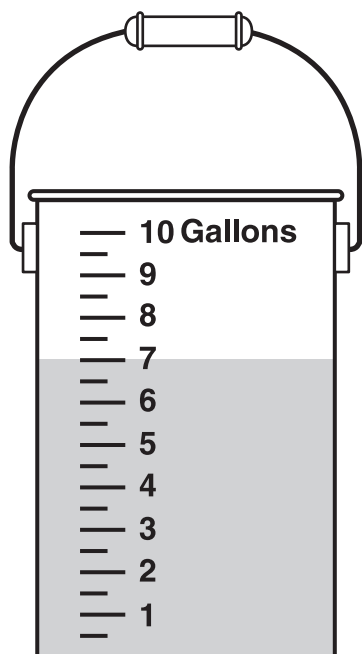
90016010

R3 Which of these shows 12 beach balls?

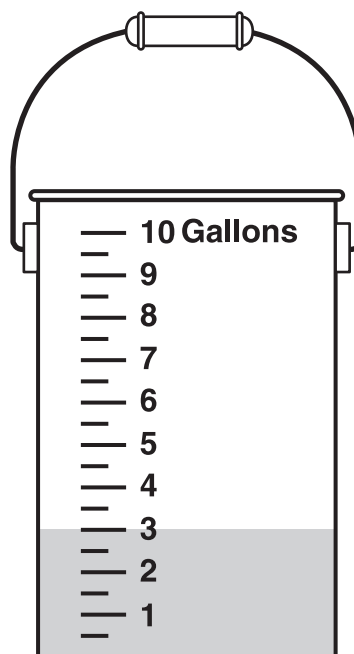


10551011

Use the picture below to answer question **R4**.



Bucket X



Bucket Y

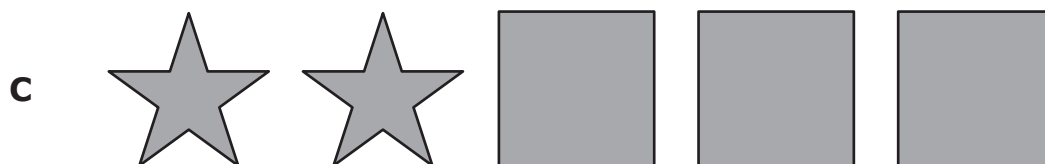
R4 How many **more** gallons does Bucket X have than Bucket Y?

- A** 3
- B** 4
- C** 5

90017020

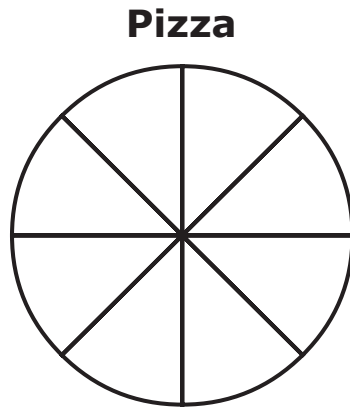
R5 Ron drew 3 stars and 2 squares.

Which of these shows this?



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Use the picture below to answer question **R6**.



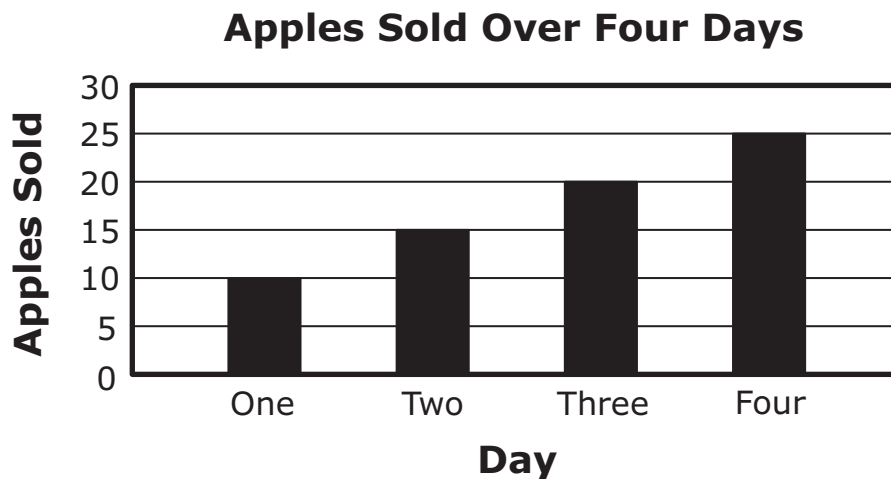
- R6** John wants to eat as many pieces of pizza as possible, but not more than half the pizza.

How many pieces can he eat?

- A** 3
- B** 4
- C** 5

90019024

Use the bar graph below to answer question **R7**.



R7 How many **more** apples were sold on day 4 than on day 1?

- A** 15
- B** 20
- C** 25

90018005

R8 Todd has 5 pens, Jerry has 6 pens, and Brian has 3 pens.

How many pens do they have **altogether**?

A 14

B 11

C 9

90020002

R9 One gallon of water weighs **about** 8 pounds.

About how much will 2 gallons of water weigh?

A 16 pounds

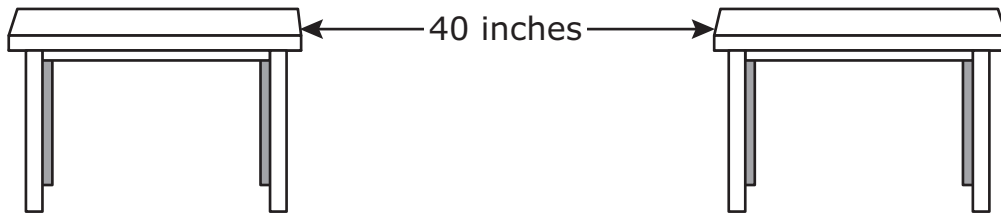
B 10 pounds

C 2 pounds

10548004

90014008

Use the picture below to answer question **R10**.



R10 Tom wants to put a bed between the tables in the picture.

The bed is 50 inches wide.

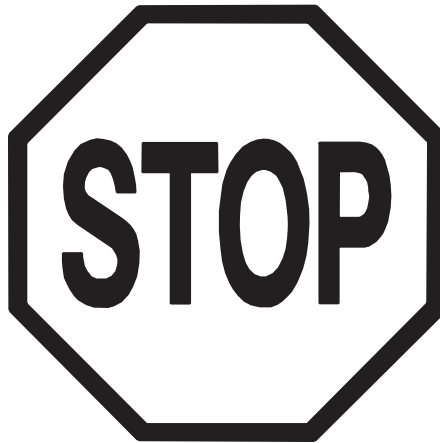
How much farther apart does Tom need to move the tables?

- A** 7 inches
- B** 10 inches
- C** 14 inches

90017021



Do Not Continue.



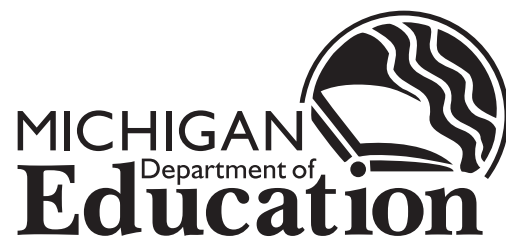
Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 7 assessment will measure the Grade 6 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R7	D.RE.06.EG04	Solve problems using data	
		MEASUREMENT	
R4	M.PS.06.EG09	Solve one-step word problems	B
		NUMBERS AND OPERATIONS	
R1	N.MR.06.EG05	Create, describe, and extend simple number patterns	A
R2	N.MR.06.EG05	Create, describe, and extend simple number patterns	B
R3	N.ME.06.EG02	Recognize representations for whole numbers to 10,000	C
R5	N.ME.06.EG02	Recognize representations for whole numbers to 10,000	A
R6	N.ME.06.EG02	Recognize representations for whole numbers to 10,000	B
R8	N.FL.06.EG07	Add and subtract one- and two-digit numbers	A
R9	N.MR.06.EG13	Represent multiplication/division	A
R10	N.MR.06.EG16	Solve applied problems	B



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